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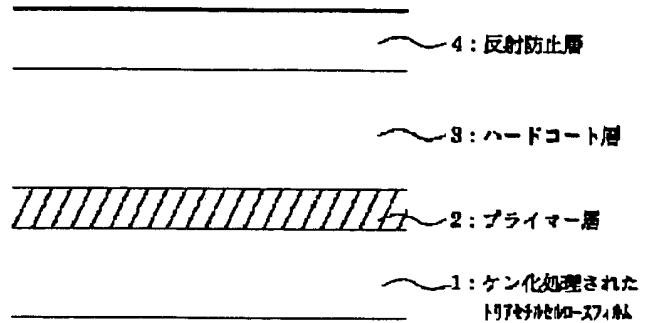
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TITLE : PLASTIC FILM HAVING SCRATCHING
RESISTANCE AND CHEMICAL
RESISTANCE, ITS PRODUCTION AND
POLARIZING PLATE



ABSTRACT : PURPOSE: To obtain a plastic film itself having good adhesion property of a hard coating layer and having scratching resistance and chemical resistance, and to provide its production method and a polarizing plate using this film.

CONSTITUTION: A triacetylcellulose film is dipped in an alkali soln. for saponification and a primer layer 2 is formed on the obtd. saponified triacetylcellulose film 1. As for the primer to form the primer layer 2, such a material containing polyvinyl chloride, polyvinyl acetate, and isocyanate is used. Then an ionizing radiation-setting resin is applied on the primer layer 2 and cured to form a hard coating layer 3. Further, an antireflection layer 4 may be formed to obtain an antireflection film. The obtd. plastic film has strong adhesion of the hard coating layer so that no peeling is caused.

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